



MI-CW2911

Michigan Crop Weather

July 18, 2011

Hot, Dry Weather

Six days were suitable for fieldwork during the week ended July 17, according to the USDA, NASS, Michigan Field Office. Precipitation ranged from 0.20 inches to 0.91 inches in the Upper Peninsula and 0.10 to 0.84 inches in the Lower Peninsula. Temperatures were 2 to 3 degrees above normal in the Upper and Lower Peninsula. Hot and dry weather conditions allowed for ample field activities to occur this week. A strong weather system rolled through the Lower Peninsula on Monday causing some long-term power outages damaging some fruits trees. Crops were in need of moisture. Field activities included first and second cutting of hay, harvest of cherries, blueberries, strawberries, peaches, oats, and wheat.

Field Crops

Heat was the main factor affecting field crops during the week. Crops started to show signs of being short on moisture, especially in late planted fields. Corn began rolling and continued to be in variable growth stages. Some fields began tasseling while others were barely above ankle high. Wheat harvest was in full swing. Northern counties have begun harvest on a limited basis while southern counties were finishing up. Soybeans began blooming. Growers were spraying sugarbeets for cercospora. Oats have headed and began to turn. Early planted dry beans were blooming. Potatoes were being hilled.

Fruit

The **tart cherry** harvest continued in the southwest. Storms on July 11 caused extensive damage to trees and fruit in some orchards. Harvesting began in the west central, and fruit was 18 mm and red in the northwest. **Sweet cherry** harvesting began in the northwest and continued elsewhere. The harvest of Bluecrop **blueberries** began in the southwest; Duke and other early varieties were picked in the Grand Rapids area. *Phomopsis* has been a serious problem. Juice **grapes** were at berry touch in the southwest. Growers in the northwest were tucking and tying wine grapes; viniferas there were past bloom. **Apples** were 1.5 inches in the Grand Rapids area, where hail in early July caused some localized fruit damage. Hand thinning neared completion in the Grand Rapids area and began in the northwest. **Pears** were 1.5 to 2 inches in diameter. Summer **raspberry** harvest continued. **Peaches** were 1.5 inches in the southeast; early season varieties were coloring in the southwest. **Strawberry** harvest was completed and renovation was underway.

Vegetables

Summer-like conditions this past week were good for vegetable crops, but precipitation is needed as soils were getting dry. Irrigation was being used where available. **Celery** harvest was underway for some growers. **Tomatoes** and **peppers** were filling out and flowering. **Carrots** continued to grow. **Sweet corn** was at harvest stage in some fields, but others were still in silk. **Cucumber, zucchini, and summer squash** harvest continued. Cucumbers for **pickles** ranged from just planted to setting and developing fruit. The **onion** crop was growing well. Downy mildew was detected in onions this past week. **Cabbage** continued to be harvested, with indications of a good crop season. **Cantaloupe** and **watermelon** were setting fruit, and were nearing full size in some fields. **Collards** and **mustard greens** were being harvested in the southwest.

Soil moisture for week ending 07/17/11

Stratum	Very short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	24	43	33	0
Subsoil	10	46	43	1

Crop condition for week ending 07/17/11

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
All Hay	1	8	25	50	16
Barley	0	3	34	60	3
Corn	3	12	31	43	11
Dry beans	3	10	33	42	12
Oats	0	4	29	59	8
Pasture	3	11	38	39	9
Soybeans	4	11	32	44	9

Crop progress for week ending 07/17/11

Crop	This week	Last week	Last year	5-year average
	Percent	Percent	Percent	Percent
All hay, first cutting	95	89	93	98
All hay, second cutting	41	27	49	49
Barley, headed	97	84	97	34
Blueberries, harvested	20	8	30	24
Corn, silked	13	NA	60	28
Dry beans, blooming	8	2	42	15
Oats, headed	96	86	100	97
Oats, turning yellow	30	11	79	56
Oats, harvested	1	0	9	5
Peaches, harvested	1	0	12	4
Soybeans, blooming	28	NA	58	43
Strawberries, harvested	97	87	100	96
Tart cherries, harvested	16	1	82	45
Winter wheat, harvested	35	4	78	NA

Michigan Weather Summary for Week Ending 07/17/11 ¹

Station	Temperature			Cumulative growing degree days ²			Precipitation					
	Maximum	Minimum	Departure from normal	2011	2010	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
											Since April 1	For month
Ironwood	91	48		1,009	1,163		0.21	0.64	2.77	10.60		
Marquette	94	44		929	1,129		0.22	0.35	2.52	11.68		
Stephenson	94	49		1,053	1,334		0.47	0.47	3.08	10.63		
Western UP	96	44	2	961	1,171	944	0.20	0.59	2.71	10.32	11.06	3.42
Cornell	90	49		979	1,256		0.82	1.23	4.05	10.27		
Sault St Marie	88	51		937	1,165		2.19	2.57	4.74	14.67		
Eastern UP	91	40	3	902	1,132	777	0.91	1.37	3.89	12.53	10.20	3.19
Beulah	92	57		1,183	1,373		0.30	0.77	3.79	16.25		
Lake City	91	48		1,143	1,347		0.76	1.02	3.78	14.10		
Old Mission	93	53		1,063	1,326		0.01	0.01	1.57	10.69		
Pellston	92	47		1,052	1,295		0.69	0.99	4.24	13.26		
Northwest	93	47	3	1,078	1,297	1,083	0.32	0.51	3.01	12.89	9.94	2.99
Alpena	97	51		1,025	1,276		0.74	0.94	3.88	15.17		
Houghton Lake	92	48		1,205	1,413		0.27	1.07	2.94	12.50		
Rogers City	96	52		913	1,186		0.54	0.54	3.89	12.12		
Northeast	97	48	3	1,076	1,323	1,041	0.46	0.98	3.62	13.36	9.73	3.18
Fremont	88	57		1,300	1,517		0.62	0.62	5.15	13.80		
Hart	88	54		1,206	1,432		1.08	1.09	4.62	11.40		
Muskegon	88	60		1,412	1,609		0.64	0.65	2.68	11.81		
West Central	89	52	3	1,262	1,493	1,199	0.79	0.81	4.54	13.08	10.01	2.54
Alma	93	53		1,277	1,565		0.14	0.14	4.20	14.53		
Big Rapids	88	54		1,203	1,458		0.10	0.10	3.05	16.27		
Vestaburg	0	0		0	0		0.00	0.00	0.00	0.00		
Central	93	52	3	1,264	1,509	1,260	0.10	0.11	2.82	12.88	10.78	2.97
Bad Axe	94	54		1,206	1,462		0.14	0.64	3.64	14.51		
Pigeon	92	51		1,218	1,448		0.00	0.17	3.11	12.09		
Port Sanilac	NA	NA					0.00	0.00	0.00	0.00		
Saginaw	94	56		1,386	1,647		0.11	0.11	3.85	14.60		
Standish	92	50		1,156	1,414		0.42	0.59	4.18	15.06		
East Central	94	50	2	1,202	1,492	1,243	0.16	0.34	3.34	14.32	9.82	2.92
Fennville	87	57		1,323	1,540		1.03	1.04	2.81	14.41		
Grand Rapids	92	58		1,489	1,719		0.95	0.95	3.62	16.62		
Holland	92	61		1,986	1,712		0.37	0.37	3.45	17.22		
Paw Paw	0	0		0	0		0.00	0.00	0.00	0.00		
South Bend, IN	93	61		1,582	1,740		1.07	1.16	2.79	21.62		
Watervliet	91	59		1,442	1,654		1.10	1.10	3.19	15.77		
Southwest	93	55	2	1,469	1,654	1,356	0.84	0.94	3.59	16.44	11.56	3.09
Belding	90	54		1,301	1,532		0.35	0.35	2.72	13.90		
Coldwater	91	54		1,494	1,709		0.82	0.82	1.77	12.09		
Lansing	94	53		1,409	1,670		0.71	0.71	1.69	15.26		
South Central	94	51	2	1,367	1,617	1,349	0.50	0.56	2.06	14.70	11.36	3.22
Detroit	92	58		1,583	1,796		0.62	0.62	2.62	14.10		
Flint	95	49		1,444	1,665		0.16	0.16	1.83	15.87		
Romeo	94	57		1,359	1,577		0.00	0.11	1.80	14.61		
Tipton	92	56		1,450	1,639		0.75	0.90	1.70	14.73		
Toledo, OH	94	54		1,461	1,825		0.43	0.44	1.65	13.10		
Southeast	96	48	3	1,437	1,696	1,320	0.39	0.44	1.62	13.20	11.11	3.11

¹ Issued by the USDA, NASS, Michigan Field Office in cooperation with the U.S. Department of Commerce, Michigan State University Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

² Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.